

# NEBRASKA WEATHER & CROPS

For Week Ending July 9, 1995

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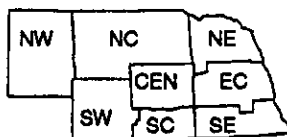
Phone: (402) 437-5541

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Lincoln, NE 68501

National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admn.  
National Weather Service



Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources-UN-L

## WEATHER

Temperatures statewide were near normal to slightly above. Precipitation amounts were above normal in the southern part of Nebraska, around normal in the northeast. Rainfall amounts were below normal in the west and parts of the central section of the state.

## GENERAL

Scattered rainfall combined with cool temperatures to relieve crop stress early in the week, according to the Nebraska Agricultural Statistics Service. With higher temperatures returning over the weekend, crops were again being stressed. Crop producers continued to run irrigation systems last week. Other producer activities included weed control, moving farm stored grain to market and alfalfa harvest.

## CROPS

Corn condition was rated at 58% good or excellent, 36% fair, and 6% poor or very poor. Cultivation and chemical weed control continued. First generation corn borer, in a number of early planted east central fields, were high enough to justify treatment.

Soybean condition was rated at 49% good or excellent, 40% fair, and 11% poor or very poor. Crop producers had begun cultivation activities last week. Some soybean stands were reported as very poor in eastern Nebraska.

## CROPS (Cont.)

Sorghum condition was rated at 54% good to excellent, 39% fair, and 7% poor or very poor. Producers continued to cultivate for weed control. Green and chinch bug populations were becoming a concern in some southeastern fields.

Winter wheat condition declined last week and was rated at 58% good or excellent, 30% fair, and 12% poor or very poor. The crop was ripening at a rate about two to three weeks behind normal. Winter wheat harvest was 15% complete in the southeast. However, harvest was only 2% complete statewide compared to 68% last year and 41% cut for the 5-year average. Yields and test weights on early harvested southeastern fields have generally been disappointing. High temperatures over the weekend and expected for this week may push crop maturity.

Alfalfa condition was rated at 72% good or excellent, 24% fair, and 4% poor. Second cutting activities picked up last week. As of Sunday, 15% had been cut, compared with 50% last year and 32% for the 5-year average. Wild hay condition continued to be rated at mostly good.

## PASTURE & RANGE

Pasture and range condition continued to be rated at mostly good to excellent. Flies were becoming a problem for cattle in the west and south.

FIELD WORK PROGRESS AS OF JULY 9, 1995	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% Wheat Turning	79	93	100	100	100	100	100	100	92	74	100	99
% Wheat Ripe	0	29	19	12	19	1	17	85	14	3	94	68
% Wheat Harvested	0	0	1	0	0	0	0	15	2	0	68	41
% Alfalfa Second Cutting	2	14	8	33	15	10	23	8	15	2	50	32
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JULY 7, 1995												
Days suitable	6.6	7.0	5.3	5.4	5.8	5.9	4.0	4.8	5.7	6.1	2.4	
Topsoil moisture - Very Short	0	1	0	0	4	1	0	1	1	6	0	
(Percent) - Short	2	27	2	5	9	7	3	8	9	39	15	
- Adequate	97	72	97	95	83	85	97	89	88	52	53	
- Surplus	1	0	1	0	4	7	0	2	2	3	32	
Subsoil moisture - Very Short	0	25	0	0	5	1	1	6	5	0	0	
(Percent) - Short	46	22	33	58	48	26	9	27	34	4	16	
- Adequate	53	52	67	42	46	68	90	67	60	56	76	
- Surplus	1	1	0	0	1	5	0	0	1	44	8	

n/a = not available.

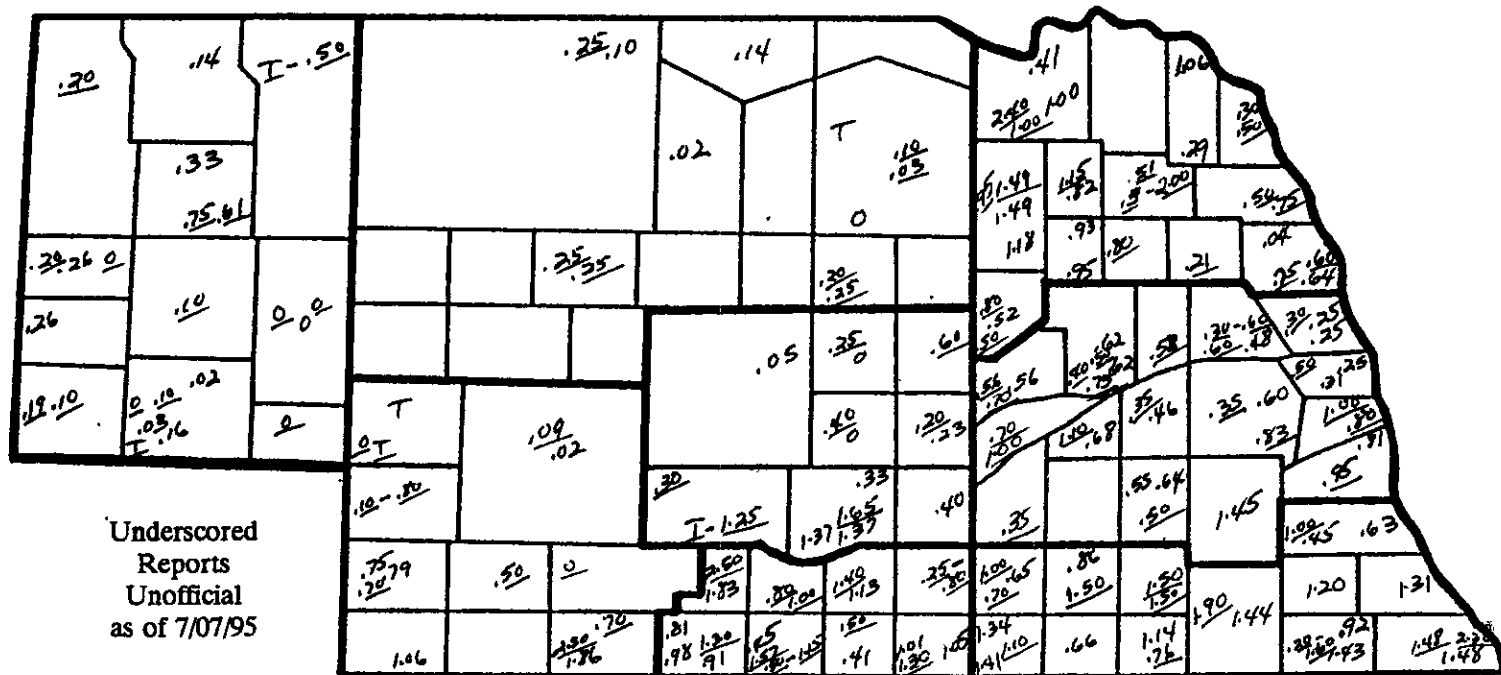
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# PRECIPITATION MAP FOR WEEK ENDING SUNDAY, JULY 9, 1995



## PRECIPITATION, APRIL 1 - JULY 9, 1995

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week . . . . .	.15	.05	.74	.34	.62	.75	.95	1.10
Total since April 1 . . . . .	12.61	14.31	13.57	14.52	13.44	13.42	15.18	16.41
Normal since April 1 . . . . .	8.49	9.93	11.38	11.02	12.10	9.39	10.76	12.01

## TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, JULY 9, 1995

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches	Last Week	Current	Normal
		Max	Min						
NW	Chadron	101	47	74	---	.14	---	---	---
	Scottsbluff	101	51	76	+3	.26	646	776	1149
	Sidney	97	49	73	---	.03	597	719	1036
NC	Valentine	97	49	73	---	.10	---	---	---
	Arthur	---	---	---	---	---	659	795	1039
	O'Neill	---	---	---	---	---	771	905	1213
NE	Norfolk	93	56	75	---	.93	---	---	---
	Sioux City	90	54	72	+2	.30	---	---	---
	Concord	---	---	---	---	---	840	976	1286
	Elgin	---	---	---	---	---	808	955	1223
	West Point	---	---	---	---	---	892	1044	1310
CEN	Grand Island	97	56	77	+1	.40	---	---	---
	Ord	95	60	78	---	0	793	939	1249
	Kearney	---	---	---	---	---	822	972	1323
	Wood River	---	---	---	---	---	850	1000	1369
EC	Lincoln	94	55	75	---	1.45	998	1164	1424
	Omaha	93	56	75	+1	.31	---	---	---
	Central City	---	---	---	---	---	867	1016	1396
	Mead	---	---	---	---	---	953	1111	1387
	Rising City	---	---	---	---	---	888	1041	1368
SW	Imperial	99	53	76	---	.75	---	---	---
	North Platte	96	50	73	---	.02	766	900	1192
	McCook	---	---	---	---	---	848	992	1342
SC	Holdrege	---	---	---	---	---	847	991	1330
	Red Cloud	---	---	---	---	---	901	1055	1381
SE	Beatrice	---	---	---	---	---	940	1099	1377
	Clay Center	---	---	---	---	---	868	1020	1345

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.